

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 2

Application No.	10/519,338
Filing Date	September 19, 2005
First Named Inventor	LERF
Art Unit	1792
Examiner	Bowman, Andrew J.
Attorney Docket No.	MEISS71.022APC

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	3,605,123	04/29/1969	Hahn	
	2	4,784,159	11/15/1988	Szilagyi	
	3	5,807,407	09/15/1988	England et al.	
	4	6,008,432	12/28/1999	Taylor	
	5	6,534,197	03/18/2003	Noda et al.	
	6	7,258,810	08/21/2007	Hunter et al.	
	7	7,306,609	12/11/2007	Schmotzer et al.	
	8	2006/0052880	03/09/2006	Brosnahan, III et al.	
	9	2008/0047931	02/28/2008	Fesmire et al.	
	10	2009/0012611	01/08/2009	Brosnahan, III et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	11	EP 0 523 372 A1	01/20/1993	Oki et al.		
	12	WO 91/03266	03/21/1991	Jochen		Abs

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	13	Buser, D. et al.: "Influence of Surface Characteristics on Bone Integration of Titanium Implants: A Histomorphometric Study in Miniature Pigs", <i>J Biomed Mater Res</i> 25(7):889-901, 1991.	
	14	Chang, C. et al.: "Effects of Power Level on Characteristics of Vacuum Plasma Sprayed Hydroxyapatite Coating", <i>J Therm Spray Tech</i> 7(4):484-8, 1998.	
	15	Hacking, S.A. et al.: "Relative Contributions of Chemistry and Topography to the Osseointegration of Hydroxyapatite Coatings", <i>Clin Orthop</i> 405:24-38, 2002.	
	16	Lumbikanonda, N. et al.: "Bone Cell Attachment to Dental Implants of Different Surface Characteristics", <i>Int J Oral Maxillofac Implants</i> 16(5):627-36, 2001.	
	17	Munting, E.: "The Contributions and Limitations of Hydroxyapatite Coatings to Implant Fixation: A Histomorphometric Study of Load Bearing Implants in Dogs", <i>Int Orthop</i> 20(1):1-6, 1996.	

Examiner Signature

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.

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	18	Nakashima, Y. et al.: "Hydroxyapatite-Coating on Titanium Arc Sprayed Titanium Implants", <i>J Biomed Mater Res</i> 35(3):287-98, 1997.	
	19	Overgaard, S. et al.: "Improved Fixation of Porous-Coated Versus Grit-Blasted Surface Texture of Hydroxyapatite-Coated Implants in Dogs", <i>Acta Orthop Scand</i> 68(4):337-43, 1997.	
	20	Overgaard, S. et al.: "Porous-Coated Versus Grit-Blasted Surface Texture of Hydroxyapatite-Coated Implants During Controlled Micromotion: Mechanical and Histomorphometric Results", <i>J Arthroplasty</i> 13(4):449-58, 1998.	
	21	Søballe, K. et al.: "Bone Graft Incorporation Around Titanium-Alloy- and Hydroxyapatite-Coated Implants in Dogs", <i>Clin Orthop</i> 274:282-93, 1992.	
	22	Søballe, K. et al.: "Gap Healing Enhanced by Hydroxyapatite Coating in Dogs", <i>Clin Orthop</i> 272:300-7, 1991.	
	23	Søballe, K. et al.: "Hydroxyapatite Coating Converts Fibrous Tissue to Bone Around Loaded Implants", <i>J Bone Joint Surg Br</i> 75(2):270-8, 1993.	
	24	Søballe, K. et al.: "Tissue Ingrowth into Titanium and Hydroxyapatite-Coated Implants During Stable and Unstable Mechanical Conditions", <i>J Orthop Res</i> 10(2):285-99, 1992.	
	25	Søballe, S. et al.: "Hydroxyapatite Coating Enhances Fixation of Porous Coated Implants: A Comparison in Dogs Between Press Fit and Noninterference Fit", <i>Acta Orthop Scand</i> 61(4):299-306, 1990.	
	26	Tonino, A.J. et al.: "The Hydroxyapatite-ABG Hip System: 5- to 7-Year Results from an International Multicenter Study" <i>J Arthroplasty</i> 15(3):274-82, 2000.	
	27	Tsui, YC et al.: "Plasma Sprayed Hydroxyapatite Coatings on Titanium Substrates - Part 1: Mechanical Properties and Residual Stress Levels", <i>Biomaterials</i> 19(22):2015-29, 1998.	
	28	Tsui, YC et al.: "Plasma Sprayed Hydroxyapatite Coatings on Titanium Substrates - Part 2: Optimization of Coating Properties", <i>Biomaterials</i> 19(22):2031-43, 1998.	
	29	Wong, M. et al.: "Effect of Surface Topology on the Osseointegration of Implant Materials in Trabecular Bone", <i>J Biomed Mater Res</i> 29(12):1567-75, 1995.	

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